OK

Depth 6	Contents 7	Reference to last Measurement 8

First & Final Bill

SBRAO - 55/16-17 Dt: 16-6-16

M. A. R. 57 (Rule 116) BR- 221/29-6-16

Measurement Book No. B

259150

Serial No. .....

Name of Work Construction of RCC Drain at Kamath Layout in ward No-10. Doddabommasandra From..... To.....

Name of Contractor of nature of Agency ..... Sri. Madan Kumar H.V.

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Work Code No: 010-16-000020.						
	Head of Account: P1771						
	Administrative Approval No: BBMP/EE/BTP/PR/198/15-16 Dt 14-12-2015.						
	Technical Sanction No: BBMP/EE/BTP/PR/207/15-16 Dt 14-12-2015.						
	Work order No: EE/BTP/BBMP/E-PRH/247/215-16. Date-26/02/2016.						
	Address of Agency: # 113/A, 80 feet road Aswathnagara RMV IInd Stage Bangalore-94.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Earth work excavation by manual means in ordinary soil throwing an average horizontal throw upto 2 meters and an average lift upto 0.5mt, excavated surface leveled and sides neatly dressed for disposal earth, to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer						
	Kamatha Layout Dead end to Culvert	1	30.00	1.00	1.00 =	30.00 Cum	
		1	30.00	1.00	1.00 =	30.00 Cum	
		1	10.60	1.20	1.00 =	12.72 Cum	
	From Culvert to Main Road	1	28.10	1.20	1.00 =	33.72 Cum	
	Near ram krishna agent at	1	30.00	1.20	1.00 =	36.00 Cum	
	Culvert	1	25.60	1.20	1.00 =	30.72 Cum	
		1	6.00	1.20	1.00 =	7.20 Cum	
					Total =	180.36 Cum	

N.E.E.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	2) Providing and laying cement @ 180 kgs with @ 0.85 Cum and fine a not exceeding 15 Cms, t cost of all materials Kamatha Layout Dead end to Culvert

nts	Reference to last Measurement 8
ood	Excavating
rage	left upto
sed	for disposal
	complete as per
cum	
cum	
cum	
cum	
cum	
cum	
cum	
6 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 259151

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		Qty limited to Tender				= 180.00 cum	
		@ Rs 83.00				Rs 14940.00	
	2) Providing and laying in position plain cement concrete of mix 1:4:8 with OPC Cement @ 180 kgs) with 40mm and down Size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted in foundation and plinth, including cost of all materials. Kamatha layout Dead end to Culvert		20.00	0.90	0.15	= 4.05 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	From Culvert to Main Road near Ramkrishna Apartments Culvert	1	30.00	0.90	0.15 =	4.05 Cum	
		1	10.60	0.90	0.15 =	1.43 Cum	
		1	28.10	0.90	0.15 =	3.79 Cum	
		1	30.00	1.00	0.15 =	4.50 Cum	
		1	25.60	1.00	0.15 =	3.84 Cum	
		1	6.00	1.00	0.15 =	0.90 Cum	
					Total =	22.50 Cum	
					Qty limited to Tender =	22.50 Cum	
					@ Rs 4500.00	Rs 101250.00	
	Cl true measured ಸಹಿ. ಇ. ಇ.						
3)	Providing T.M.T Steel reinforcement for R.C.C work including Straighten cutting, bending, hooking, placing in position, lapping and for welding wherever required, tying with binding wire and anchoring to the						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	adjoining members wh wastage shall not be m
	Qty under reduc of this M.B. N

Contents	Reference to last Measurement
7	8
1.05 Cum	
1.43 Cum	
3.78 Cum	
1.50 Cum	
3.84 Cum	
1.80 Cum	
2.50 Cum	
2.50 Cum	
Rs 101250.00	
uding Straighten	
g and for welding	
anchoring to the	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259152

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour.						
	Qty vide ~~previous~~ premeasurement page no - 259196 of this M.B. No - 2692					= 2.84 qtl	
	@ Rs 6900.00		69000.00				Rs 195960.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
4)	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal, coarse aggregates and fine aggregates @ 31cft) confirm machine mixed, concrete laid in layers not exceeding 15cms thick. Vibrated for all works in foundation plinth and ground floor level for roofs slabs, staircase, lintels retaining walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts Struts, buttresses, string or lacing courses, parapets. Curing etc complete as per specifications						
	Bottom concrete						
	Kamath Layout Dead end to culvert	L	30.00	0.80	0.15 =	4.05 cum	
		L	30.00	0.80	0.15 =	4.05 cum	
	From culvert to Main Road	L	10.60	0.80	0.15 =	1.43 cum	
		L	28.10	0.80	0.15 =	3.79 cum	
	S.O. (16/26.2)						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	near Ramkrishna apartm
	Culvert Checke
	Side wall
	Kamath Layout Dead en to culvert S.O. (
	From culvert to Main Roa
	near Ramkrishna apartm
	Culvert

ents	Reference to last Measurement 8
	ncrease of design ry Size gradual e 3rd Contiry nd Track floor level for y thickness) rd, Path etc
cum	
cum	
cum	
cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To..... 259153

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Near Ramkrishna apartment	1	30.00	1.00	0.15 =	4.50 cum	
	Culvert Checked.	1	28.60	0.80	0.15 =	3.46 cum	
		1	6.00	1.00	0.20 =	1.20 cum	
	Sidewall 16/6.						
	Kamath Layout Dead end to culvert S.D. (W.P.)	2	30.00	0.15	0.50 =	4.50 cum	
		2	30.00	0.15	0.50 =	4.50 cum	
		2	10.60	0.15	0.60 =	1.91 cum	
	From culvert to Main Road	2	28.10	0.15	0.60 =	5.06 cum	
	Near Ramkrishna apartment	1	30.00	0.15	0.60 =	5.40 cum	
		2	28.60	0.15	0.60 =	4.61 cum	
	Culvert	2	6.00	0.23	0.60 =	1.66 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	C&F Mohan				Total =	47.41 Cum	20.12
	Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97	Qty limited to Tender			=	47.25 Cum	
		@ RS 5730.00				RS 270743.00	
5)	Providing and removing centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour etc complete as per specification and direction of engineer						
	Kamaty Layout Dead end to Culvert	4	30.00		0.60 =	72.00 Sqm	
		4	30.00		0.60 =	72.00 Sqm	
		4	10.60		0.60 =	25.44 Sqm	
	From Culvert to Main Road	4	28.10		0.60 =	67.44 Sqm	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Near Ramkrishna apartm
	Culvert
	C&F Mohan
	ಸ.ಕಾ.ಅ.
6)	Providing granite slab cement morter (1:6) i complete as per spe

Contents 7	Reference to last Measurement 8
= 47.41 Cum	50.12
= 47.25 Cum	
	Rs 270743.00
...ry. propping etc.	
...ult as walls at any	
... plinth and Storey	
...s per specifications	
= 72.00 Sqm	
= 72.00 Sqm	
= 28.44 Sqm	
= 67.44 Sqm	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259154

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Near Ramkrishna apartment	4	30.00		0.60 =	72.00 Sqm	
		4	25.60		0.60 =	61.44 Sqm	
	Culvert	4	6.00		0.60 =	14.40 Sqm	
					Total:	384.72 Sqm	
			Qty limited to Tender		=	360.00 Sqm	
			@ Rs 300.00			Rs 108000.00	
	6) Providing granite slabs of selected quality roughly dressed and fixed in cement morter (1:6) including fixing carving etc complete 7.5 cms thick etc complete as per specifications and directions of engineer incharge of the						

ಸ.ಕಾ.ಅ.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Kamath Layout Dead end to Culvert	1	30.00		0.75 =	22.50 Sqm	
		1	30.00		0.75 =	22.50 Sqm	
		1	10.60		0.75 =	7.95 Sqm	
	From Culvert to Main Road near Ramkrishna Apartment	1	28.10		0.90 =	25.29 Sqm	
		1	30.00		0.90 =	28.80 Sqm	27.00
		1	25.60		0.90 =	23.04 Sqm	
	Culvert	1	6.00		0.90 =	5.40 Sqm	
					Total =	135.48 Sqm	133.68
					Qty limited to Tender =	135.00 Sqm	133.68
					@ Rs 600.00	Rs 81000.00	80205.12

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	7) Providing chamfering & Conv chamfered length directions of engineer

OK

Depth 6	Contents 7	Reference to last Measurement 8
75 =	22.80 Sqm	
75 =	22.80 Sqm	
75 =	7.85 Sqm	
90 =	25.29 Sqm	
90 =	28.80 Sqm	
90 =	23.04 Sqm	
90 =	5.40 Sqm	
Total =	135.48 Sqm	133.68
=	135.00 Sqm	133.68
	Rs 81000.00	80205

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259155

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
7)	Providing chamfering edges to stone slab 2 cms wide as per specification. (Only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge of the work						
		118	2.70			= 318.60 rmt	
		150	3.00			= 450.00 rmt	
					Total:	768.60 rmt	
		Qty limited to		tender	=	750.00 rmt	
		@ Rs 35.00					Rs 26250.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	8) providing two line dressing to granite stone slab/granite stone masonary as per specification Qty vide Item No-06					= 135.00 Sqm	137.68
	@ Rs 900.20					Rs 121527.00	120339.00
	9) Lead for Disposal of Debries shall be payable at carriage rate by Mechanical means including loading and unloadding from 0.00 to 1190 km etc complete as per specification Qty vide Item No-01					= 180.00 cum	
	@ Rs 101.95					Rs 18351.00	

Serial No. BP

Name of Work .....

Name of Contractor of nature of Agen

Date of commencement of work .....

Date	Full description, etc, of work
1	IT - 936/-00 VAT - 3742-02 LWF - 936/-00 CBF - 937-00 LR - 13560.00 Total - 20661-00

Audited

and Rs

Accts

Certificate:-

certified that the ... issued from depa...

Sudhar

AE 13/5/2016

th	Contents 7	Reference to last Measurement 8
	b/ granite stone	
2	135.00 Sqm	133.68 120339.00
		Rs 121527.00
	t carriage rate	
	addary from 0.00 to	
	180.00 cum	
		Rs 1835/.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

259156

Serial No. BP

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Audited & Admitted for Rs 936040.00

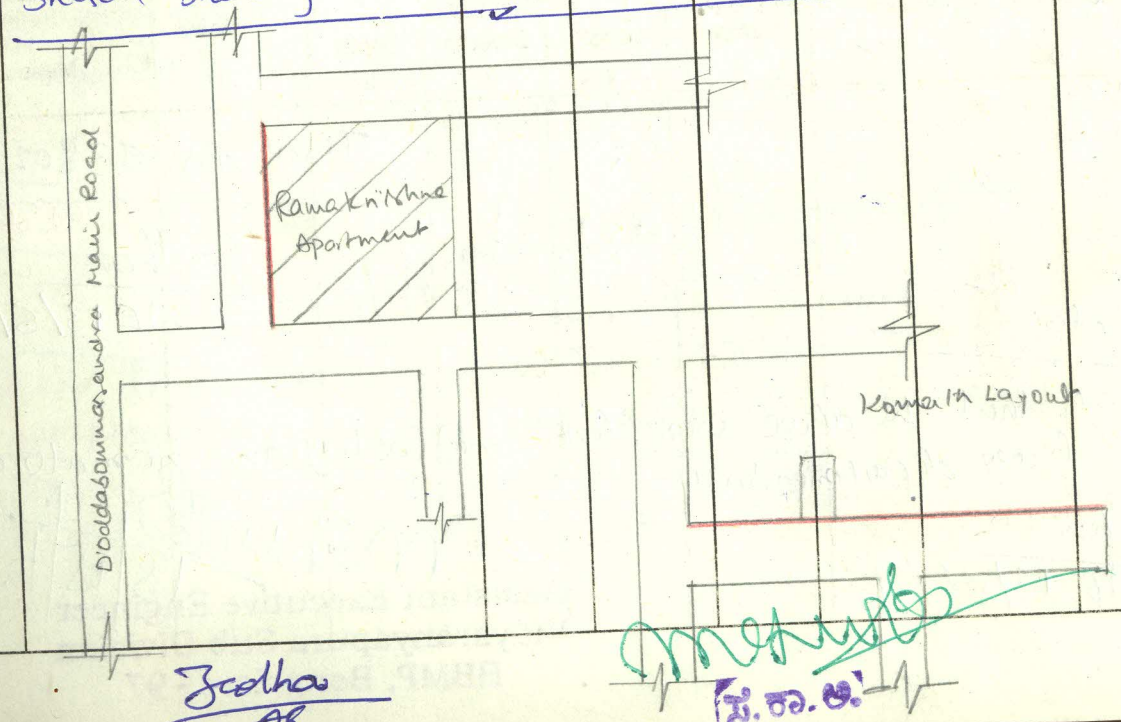
Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	IT - 936/.00 WT - 37442.02 EWF - 936/.00 CSF - 937.00 LR - 13560.00 Method - 2066/.00	265379.	2066/.00			Total Rs 938021.00 936041.00	
	and Rs		By measurement				
	Accts. Supdt. Byatarayanapura Dn. BBMP	Asst. Engineer Byatarayanapura Dn. BBMP			4/7/16.	Zadhar AE 13/5/2016	
	Certificate:- certified that the above work done satisfactory and no materials issued from departmentally Zadhar AE 13/5/2016						

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

Sketch showing the location of work done spot;



Jadhav
AE

ಸಹಾ. ಅ.

First & Final Bill

SBQ NO-22/1

Serial No. 13-

Name of Work Maintenance

Name of Contractor of nature of Age C Doddabom

Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	Work Code No;
	Agreement No;
	Work order No;
	Address of Agency;